



TcpGPS for Android

## Unit 3. Project Management



## **Unit 3. Project Management**

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## Creation of a New Project

- Basic Properties
  - Name
  - Author
  - Remarks
- Coordinate Reference System
- Files
  - Points
  - Cartography
  - Roads

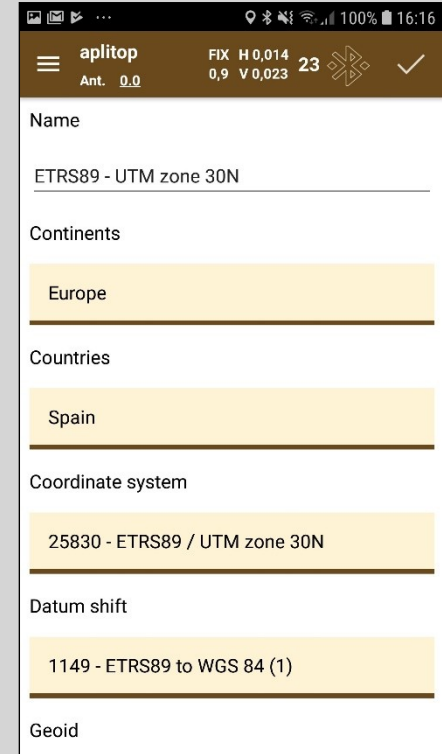
The screenshot shows the 'aplitop' app interface on an Android device. The status bar at the top indicates 94% battery and 18:27. The app's header bar is dark brown and contains the 'aplitop' logo, a menu icon, and technical data: 'Ant. 0.0', 'FIX H 0,014', '0,9 V 0,023', and a '23' icon. The main form area is white and contains the following fields and options:

- Name**: A text input field.
- Author**: A text input field.
- CRS**: A section with the text 'ETRS89 / UTM zone 30N + EGM2008 REDNAP Geoid Height (Spain-Peninsula/Balearic islands)' and a three-dot menu icon to its right.
- Files**: A section with three buttons: 'Points', 'Cartogr..', and 'Road'.
- Remarks**: A text input field.

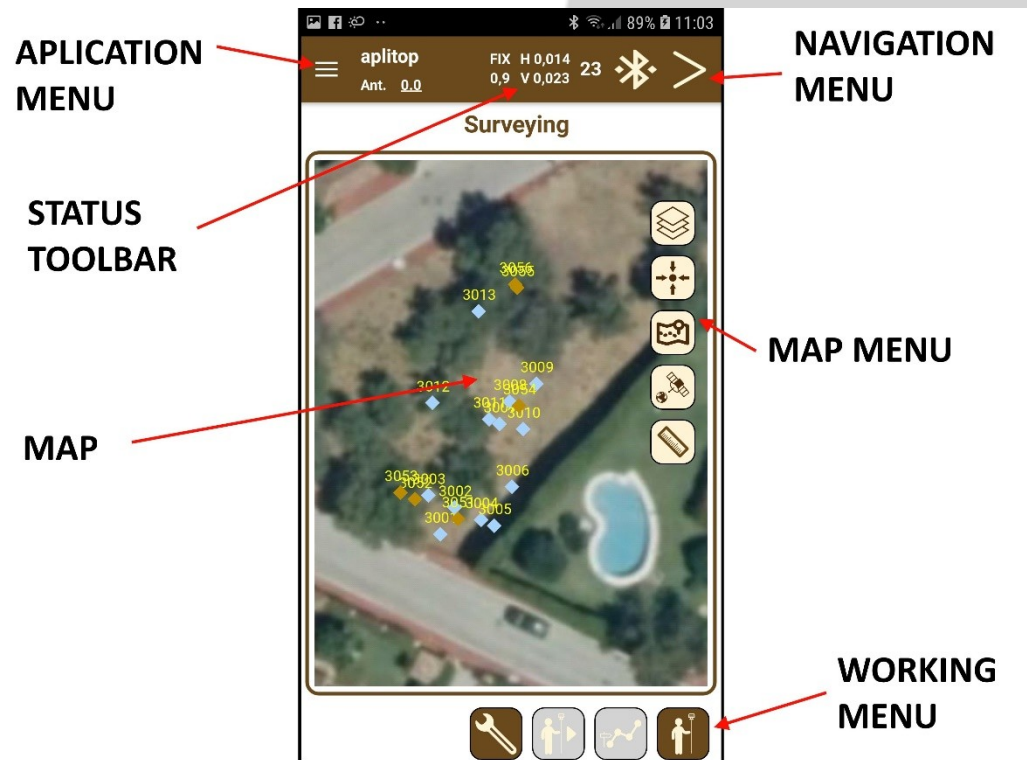
## Coordinate Systems

- Based on EPSG Database
- Datum Shifts
- Geoids

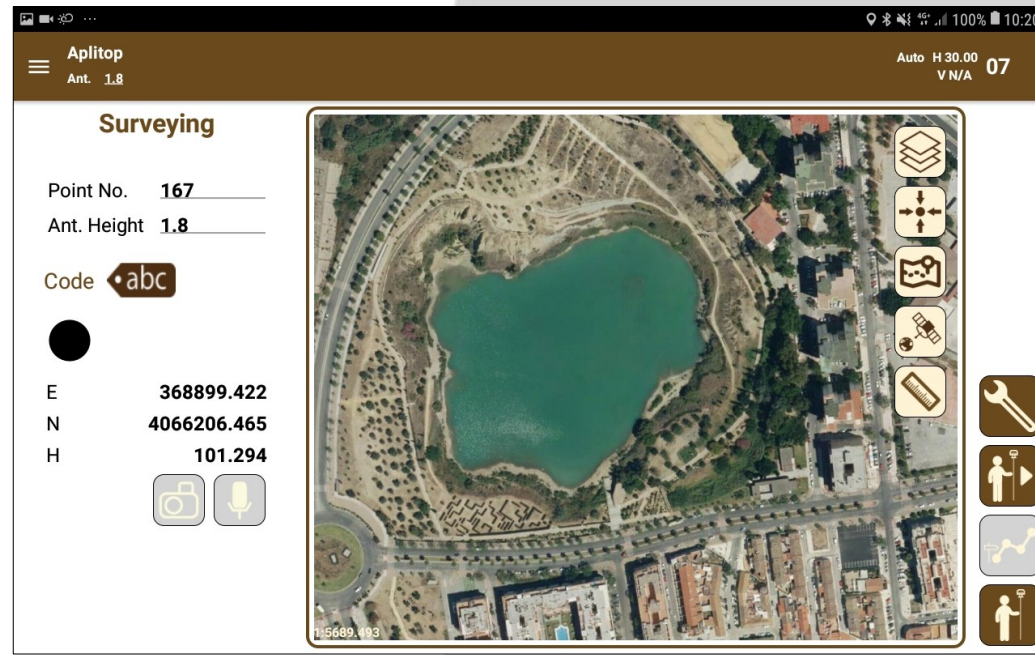
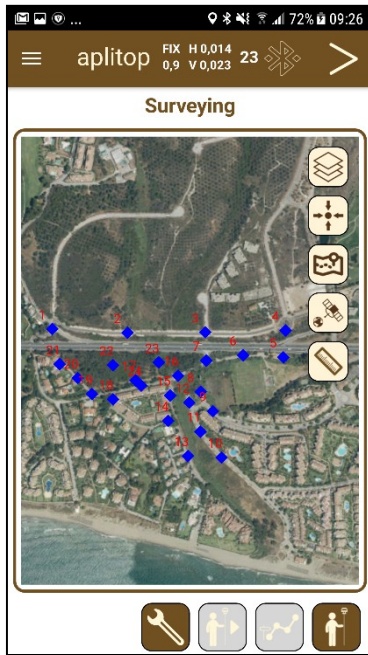
Video 



## Application Workspace



## Application Layouts



> Page up

< Page down

## Base Maps

- Based on ESRI Maps
- Default modes
  - Street map
  - Satellite map
  - Topographic map



Layer management



Zoom project



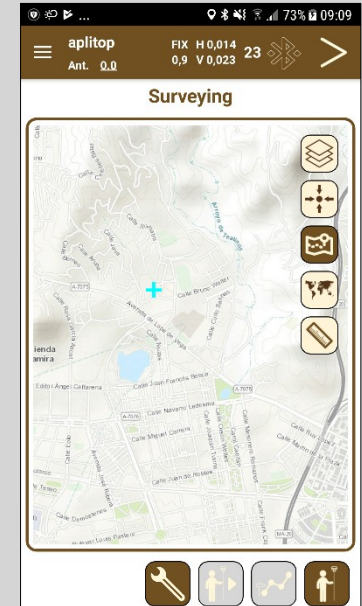
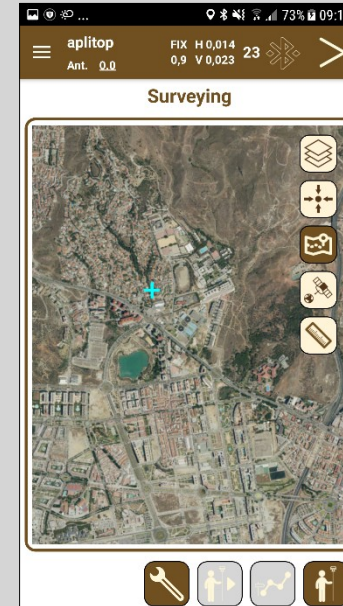
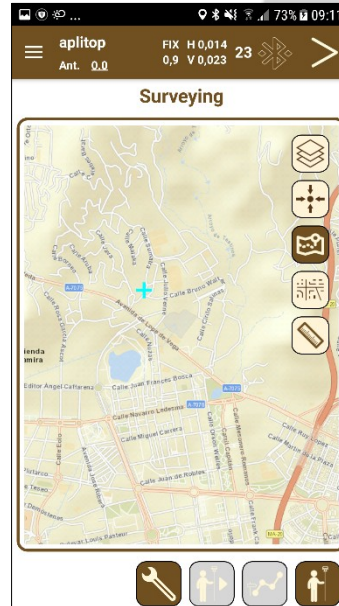
Follow current position



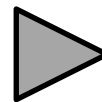
Change map mode



Distance

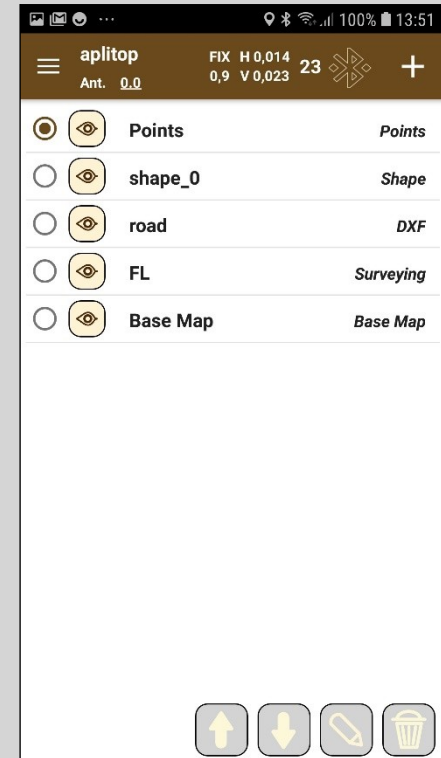


Video

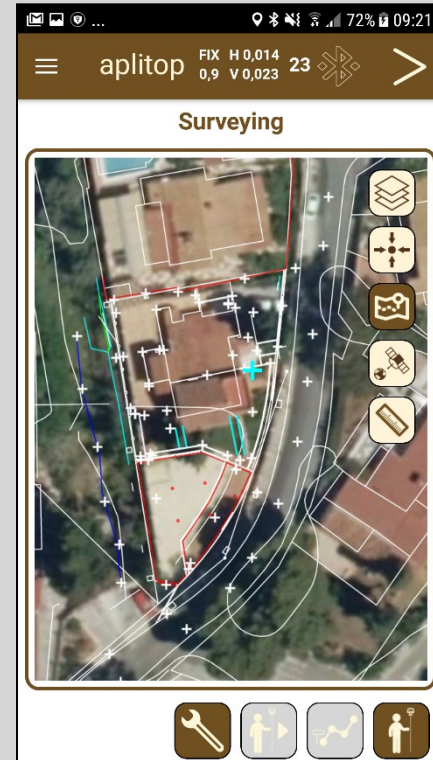
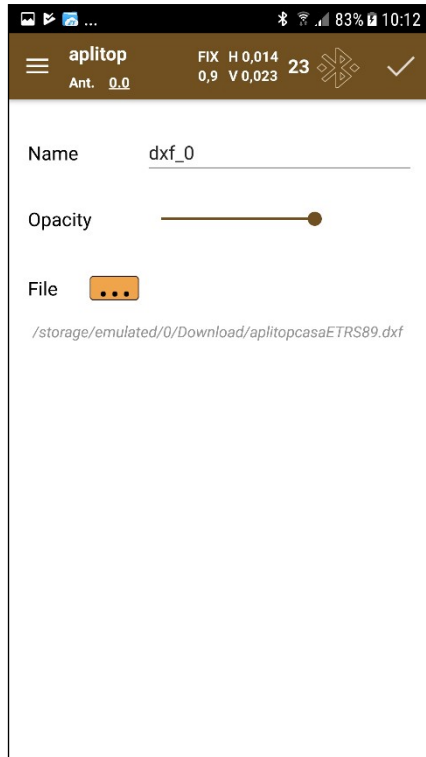


## Layer Management

- Layer types
  - Base Map
  - Points
  - DXF layer
  - Shape layer
  - GML layer
  - KML/KMZ layer
  - WMS layer
  - Surface layer
- Functions
  - Enable/disable layer
  - Delete layer
  - Change properties
  - Change drawing order

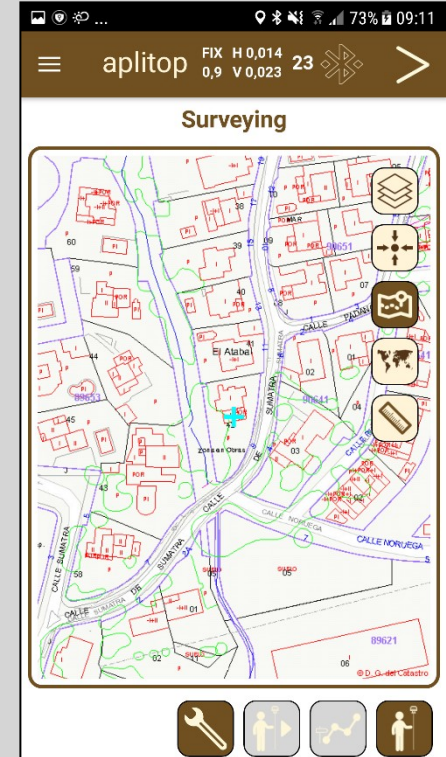
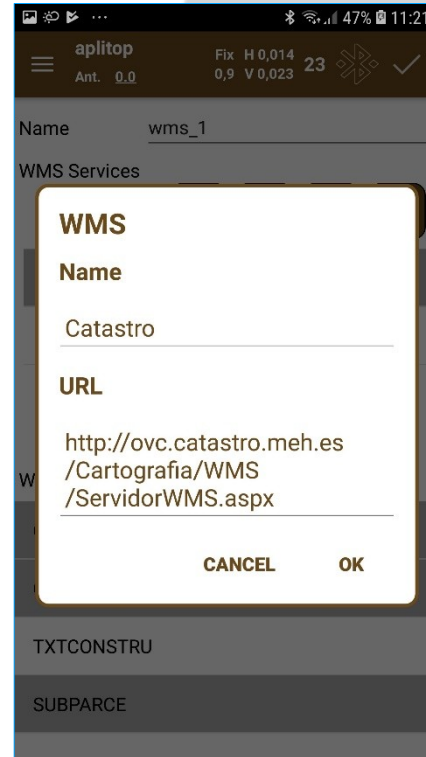


## Vector Layers



## Web Map Service Layers

- Name of service
- URL
- List of Layers



Video 